

TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



PEO STRI



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COL Vincent Malone
Project Manager Training Devices



Project Manager Training Devices

VISION: Providing our Soldiers with realistic training solutions to ensure they are the best trained force in the world.



Ft. Campbell



Ft. Drum



Camp Blanding, FL



Ft. Benning

MISSION: To provide standards and common solutions for Live Training, with focus on reducing total ownership costs while improving quality, interoperability, and reusability within Live, Virtual, Constructive, and Joint training/test domains across the U.S. Army.



Korea



Afghanistan

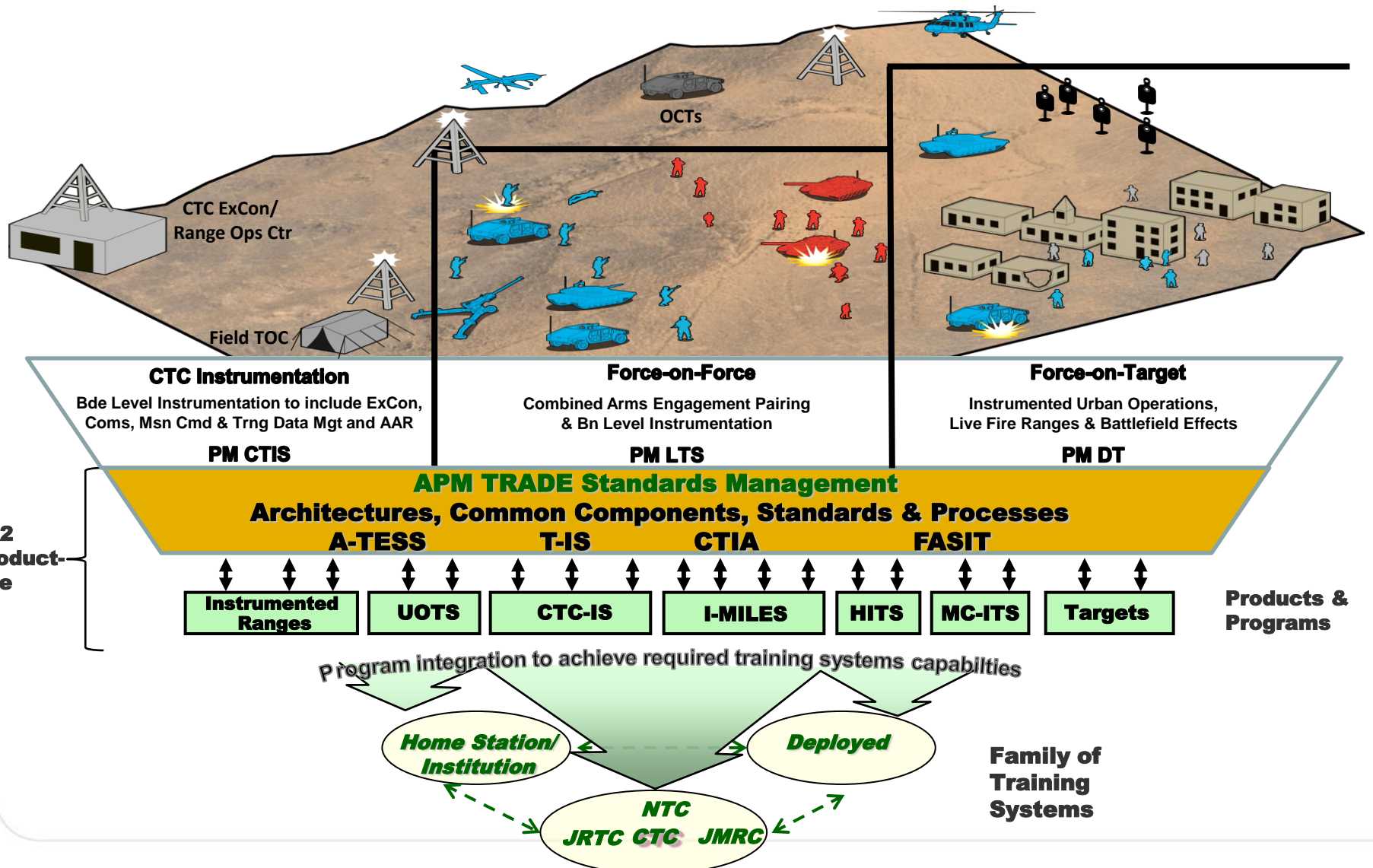


NTC



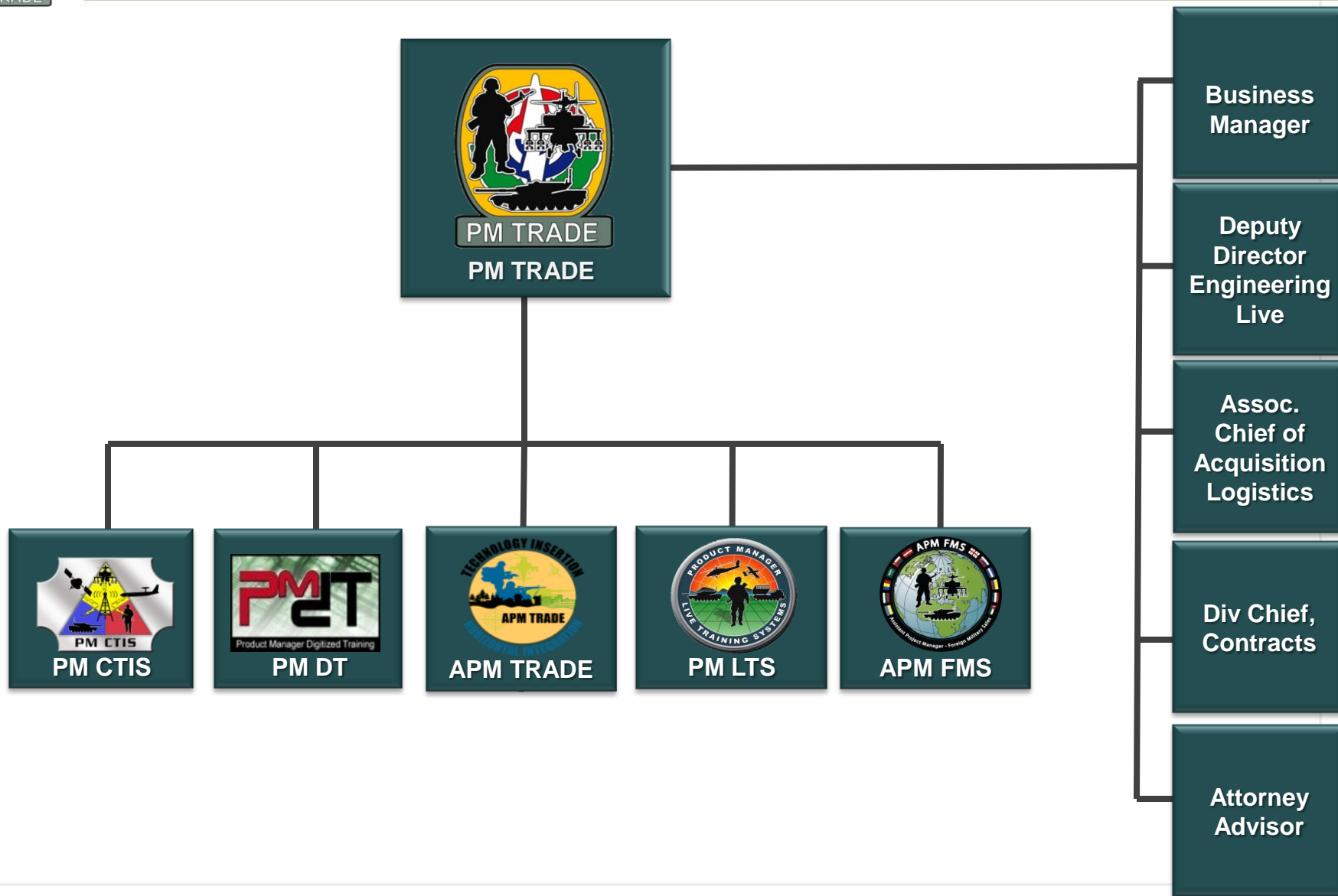
PM TRADE Mission Area Functional Domains

Communicating Across the Boundaries - One PM TRADE Portfolio





PM TRADE Project Management Office





PM TRADE Business Opportunities

<u>Organization</u>	<u>Program</u>	<u>RFP Release</u>	<u>Award Date</u>
APM TRADE	CPM Next	May 2014	June 2015
APM FMS	MPTR	November 2014	April 2015
APM FMS	SATT	2 nd Quarter 2015	4 th Quarter 2015
PM DT	TRACR PDSS Next	November 2014	March 2015
PM DT	MSAR	2 nd Quarter 2015	3 rd Quarter 2015
PM DT	RILM	3 rd Quarter 2015	2 nd Quarter 2016
PM CTIS	ARCTIC	February 2015	September 2015
PM CTIS	JMRC DCI's	March 2015	August 2015
PM LTS	I-MILES VTESS	3 rd Quarter 2015	3 rd Quarter 2016
*All dates are tentative			



Program Acronym Key

ARCTIC – Army Combat Training
Instrumentation Contract

CPM Next – Consolidated Product
Line Management Next

I-MILES VTESS - Instrumentable -
Multiple Integrated Laser
Engagement System
Vehicle -Tactical Engagement
Simulation System

JMRC DCI – Joint Multinational
Readiness Center Data
Communications Interface

MPTR – Multipurpose Training
Range Targetry

MSAR – Modular Small Arms
Range

PDSS – Post Deployment Software
Support

RILM – Range Instrumentation Life
Cycle Management

SATT – Small Arms Tactical Trainer

TRACR – Targetry Range
Automated Control and Recording



Consolidated Product Line Management Next (CPM Next)

Description/Summary of Program Requirements

The CPM Next contract is to continue the managed evolution of the Live Training Transformation (LT2) product line (P/L) and provide total life cycle support to Product Managers within the LT2 P/L. The CPM Next contract meets the requirement for a consolidated streamlined approach that protects and leverages the Army's LT2 P/L investment, continues to evolve the core assets, architectural frameworks, and the LT2 P/L construct while providing PM TRADE an efficient, effective and agile method for:

- Management, maintenance, and evolution of the LT2 P/L products, processes and core assets
- Total life cycle system management P/L support of systems/products within the LT2 P/L family of training systems
- P/L support of systems/products that leverage LT2 P/L assets
- Support of external interoperability initiatives such as LVC-ITE, Joint and Foreign Military Sales
- Synchronization with the WarFighter FOCUS (WFF) contract

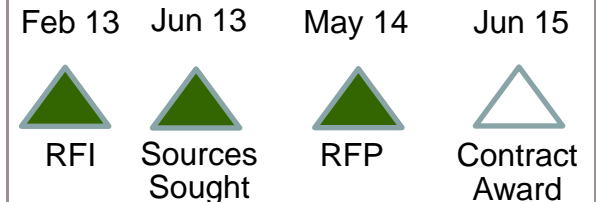
ACQUISITION STRATEGY

- Single Award IDIQ
- Competitive

PERIOD OF PERFORMANCE

- 5 years

MILESTONES



POINT OF CONTACT

Organization: PM TRADE
Phone: 407-384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Ceiling: \$415M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- GDC4S is currently executing a 5 year PoP for CPM



Serbia Multipurpose Training Range (MPTR)

Description/Summary of Program Requirements

This is a Foreign Military Sales case to provide upgrades and enhancements to the Serbian Armed Forces (SAF) Multipurpose Training Range Targetry (MPTR), Targetry Range Automated Control and Recording (TRACR) capable laptop, Targetry Associated Equipment, and Simulation Center Support Equipment. The MPTR will be used for enhancing SAF's peacekeeping/pre-deployment training and Convoy Live Fire exercises (CLF). A key component of the MPTR will be a single common target controller for all targets and ranges, with a common look and feel, and an integrated Graphical User Interface with the ability to control legacy targets and allows for commercial-off-the-shelf system integration. MPTR will be fielded to Serbia's Peacekeeping and Pre-Deployment Training Center (South Base).

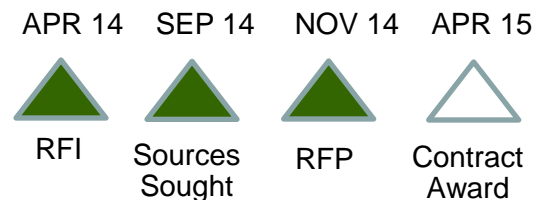
ACQUISITION STRATEGY

- Competitive CARTS

PERIOD OF PERFORMANCE

- 2015 - 2019

MILESTONES



POINT OF CONTACT

Organization: PM TRADE
Phone: 407-384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- ~ \$800K

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New procurement



Small Arms Tactical Trainer (SATT)

Description/Summary of Program Requirements

This is a Foreign Military Sales case to provide to the Serbian Armed Forces (SAF) a Small Arms Tactical Trainer (SATT). The SATT will be used for enhancing SAF's peacekeeping/pre-deployment training providing initial and sustainment marksmanship training at the individual and squad levels. A key component of the trainer will be the judgmental use of force training mode, which reinforces rules of engagement training by providing realistic "shoot/don't shoot scenarios" in accordance with United Nations (UN) standards. SATT will be fielded to Serbia's Peacekeeping and Pre-Deployment Training Center (South Base).

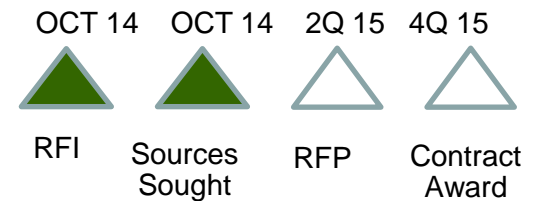
ACQUISITION STRATEGY

- TBD - awaiting strategy decision
- Currently not in PALT

PERIOD OF PERFORMANCE

- 2015 - 2019

MILESTONES



POINT OF CONTACT

Organization: PM TRADE
Phone: 407-384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- ~ \$900K

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New procurement



Targetry Range Automated Control and Recording (TRACR) Post Deployment Software Support Next (PDSS) Next

Description/Summary of Program Requirements

The Targetry Range Automated Control and Recording (TRACR) Post Deployment Software Support (PDSS) Next effort will provide the life cycle software sustainment and support for the Government owned common target control system (TRACR and TRACR Suite), to include: integration of legacy target system adapters and new target system technologies; upgrade to existing range facilities; support for new interface control documents and technology demonstrations; and sustainment of the Future Army System of Integrated Targets specification and standards. Key initiatives:

- Software Sustainment
- Synchronization with CTIA 4.0
- Common CM baseline management and distribution

TRACR/TRACR Suite and FASIT are located at over 35 installations; 115+ small arms and 45+ maneuver ranges.

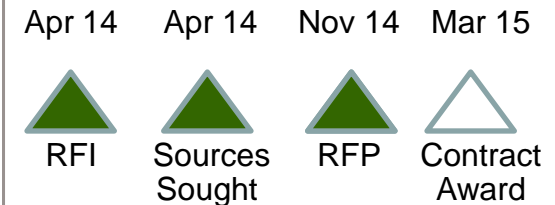
ACQUISITION STRATEGY

- Contract Vehicle: CARTS LOT II
- Contract Type: Competitive, Single Award

PERIOD OF PERFORMANCE

- FY15 – FY17
- 3 years; 1 year base, 2 option years

MILESTONES



POINT OF CONTACT

Organization: PM TRADE
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FUNDING

- OPA : \$1M per year
- RDT&E: not to exceed \$1M per year

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- CARTS LOT II – Riptide Software



Modular Small Arms Range (MSAR)

Description/Summary of Program Requirements

The MSAR:

- Will be a pre-engineered, re-locatable, 25 meter pre-fabricated 10 lane indoor shooting range
- Will accommodate center-fire rifles up to and including a single shot 50 cal munitions capability
- Is a fully equipped live-fire shooting system that has complete ballistic protection, lighting, sound absorption, digital electronic controls for the Heating, Ventilating and Air Conditioning (HVAC) systems
- Has ten firing lanes separated with a ballistic transparent shield between shooting stalls with fold down shooting trays for each stall
- Has ballistic and ricochet protection applied to all of the downrange surfaces
- Contains a virtual live-fire based judgment training system that can be expanded to the entire width of the range (40 ft.)
- Will be developed and constructed to the most current OSHA and EPA standards





ACQUISITION STRATEGY

- Contract Vehicle: TBD
- Contract Type: TBD

PERIOD OF PERFORMANCE

- TBD

MILESTONES

Aug 14	Jan 15	3Q15	1Q16
			
RFI	Sources Sought	RFP	Contract Award

POINT OF CONTACT

Organization: PM TRADE
 Phone: 407-384-5201
 Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- OPA/(NGREA) Ceiling: TBD

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New procurement



Range Instrumentation Life Cycle Management (RILM)

Description/Summary of Program Requirements

Provides life cycle management and support of range instrumentation systems in support of:

- The Digital Range Training System (DRTS) program comprised of the following range types: Digital Multi-Purpose Range Complex (DMPRC), Digital Multi-Purpose Training Ranges (DMPTR), Battle Area Complex (BAX), Digital Air/Ground Integration Range (DAGIR)
- Integrated - Military Operations on Urban Terrain Training Systems (I-MTS) comprising: Collective Training Facility (CTF), Urban Assault Course (UAC), Shoot House and Combined Arms Collective Training Facility (CACTF)
- Combat Training Centers (CTCs) MOUT-IS
- Targetry Range Automated Control and Recording (TRACR); and Location of Miss And Hit (LOMAH)
- Home Station Instrumentation comprised of the following systems: Home Station Instrumentation Training System (HITS) & Joint Pacific Multinational Readiness Center - Instrumentation System (JPMRC-IS)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • Contract Vehicle: TBD • Contract Type: TBD 	<ul style="list-style-type: none"> • TBD 	<div> <div>Sep 14</div> <div>Jan 15</div> <div>3Q 15</div> <div>2Q 16</div> </div> <div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>RFI</div> <div>Source Sought</div> <div>RFP</div> <div>Contract Award</div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Organization: PM TRADE</p> <p>Phone: 407-384-5201</p> <p>Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</p>	<ul style="list-style-type: none"> • OPA/OMA Ceiling: < \$100 M 	<ul style="list-style-type: none"> • New procurement






Army Combat Training Instrumentation Contract (ARCTIC)

Description/Summary of Program Requirements

It provides for the procurement of equipment (hardware) in support of life cycle replacement for end-of-life instrumentation system components for:

- The Combat Training Center - Instrumentation System (CTC-IS): A fixed-site instrumentation capability designed for the deployment at maneuver CTC at the National Training Center at Ft. Irwin, CA, Joint Readiness Training Center at Ft. Polk, LA, and the Joint Multinational Readiness Center at Hohenfels, Germany.
- Joint Pacific Multinational Readiness Capability (JPMRC)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Contract Vehicle: Outside STOC II Single ID/IQ/FFP	<ul style="list-style-type: none">• FY16 – FY20	<div>2Q 15 2Q 15 4Q 15</div> <div> Sources Sought  RFP  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM TRADE Phone: 407-384-5201 Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil	<ul style="list-style-type: none">• Ceiling: \$45M	<ul style="list-style-type: none">• New procurement



Data Communications Interface (DCI)

Description/Summary of Program Requirements

Provides for the procurement of the Data Communications Interface (DCI) in support of the life cycle replacement at the Joint Multinational Readiness Center at Hohenfels, Germany.

- The DCI device is the interface element of a Player Unit (PU). When coupled with the JMRC Precision Real-Time Location System (PRTLs) radio, together they form a JMRC PU. The JMRC PU's connect to Multiple Integrated Laser Engagement System (MILES) devices on vehicles and dismounted Soldiers to relay their position location and event data from the MILES devices to the Core of the JMRC Instrumentation System for near-real-time monitoring of training exercises and use in After Action Reviews (AARs).

ACQUISITION STRATEGY

- Contract Vehicle: STOC II

PERIOD OF PERFORMANCE

- 12 months from Contract Award

MILESTONES

Oct 14



Sources
Sought

Mar 15



RFP

Aug 15



Contract
Award

POINT OF CONTACT

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FUNDING

- Ceiling: \$9.1M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New procurement



Instrumentable - Multiple Integrated Laser Engagement System (I-MILES), Vehicle Tactical Engagement Simulation System (VTESS)

Description/Summary of Program Requirements

I-MILES VTESS will be the latest laser-based training system. I-MILES VTESS will use the Live Training Engagement Composition (LTEC) software and Live Personal Area Network (LPAN) standard to define the communication framework of the I-MILES components so that Industry uses a common communication structure and methodology thus allowing weapon system platforms to embed TESS functionality. I-MILES VTESS will support both Tactical and Combat vehicle (fire control systems) in a single TESS product line. The I-MILES VTESS modular design will accommodate new weapons, ammunition and vehicle types. The I-MILES VTESS will be the first hardware installation of the LT2 Product Line approach; reuse existing Core Asset Management Process (CTIA, etc.), thus leveraging successes and lessons learned to realize long-term cost avoidance. The U.S. Army will use and field I-MILES VTESS worldwide in all geographical areas.

ACQUISITION STRATEGY

- Preliminary - Competitive STOC II Award*
- Preliminary- Firm Fixed Price (FFP) (incentivized possible), w/ T&M CLINs*
- 1 base year (18 months), 4 options years

* Pending outcome of Market Research

PERIOD OF PERFORMANCE

- 1 base year (18 months), 4 options years

MILESTONES



POINT OF CONTACT

Organization: PM TRADE

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FUNDING

- ~ \$107M OPA over FY16 – FY20
- Potential contract ceiling ~ \$250M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Current Proprietary Prime Contractors: Saab (CVTESS)/Cubic (TVS)
- Contract Type: FFP
- Award Dates: Jan 2012 & Jul 2010 (1 base & 4 options)



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